

## **CIRCUITS TO GENERATE A SEQUENTIAL INDEX FOR AN INPUT NUMBER IN A PRE-DEFINED LIST OF NUMBERS**

### **ABSTRACT**

**[0023]**      Circuits are described that can detect the presence or absence of an input number in a pre-defined list of numbers, and provide an index into the list for a matching number. The elements of the list of numbers may be individual numbers, or sets of numbers within a range of numbers.

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